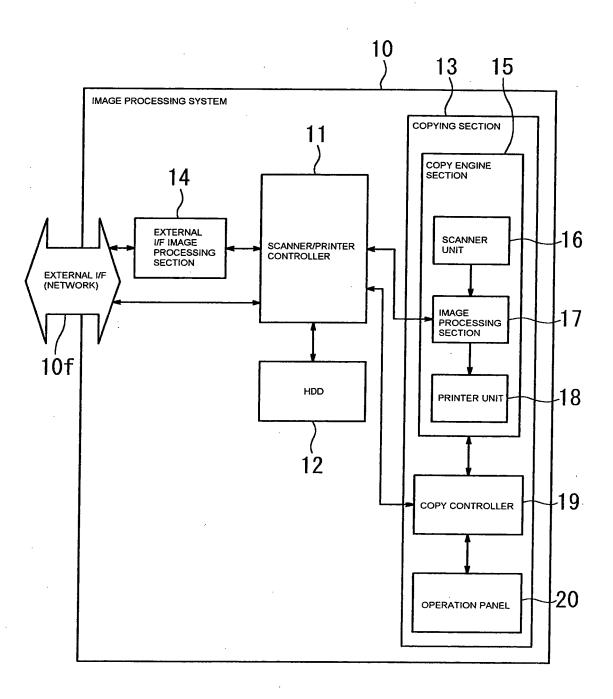
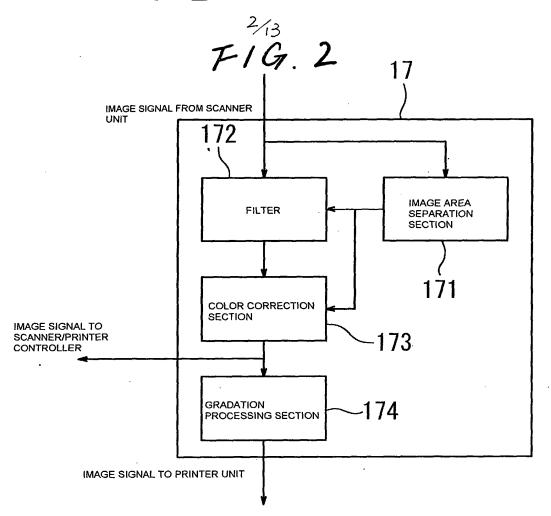
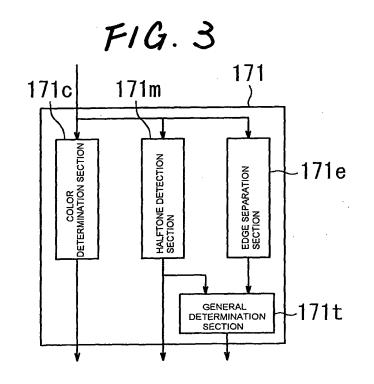
## 1/3 FIG. 1



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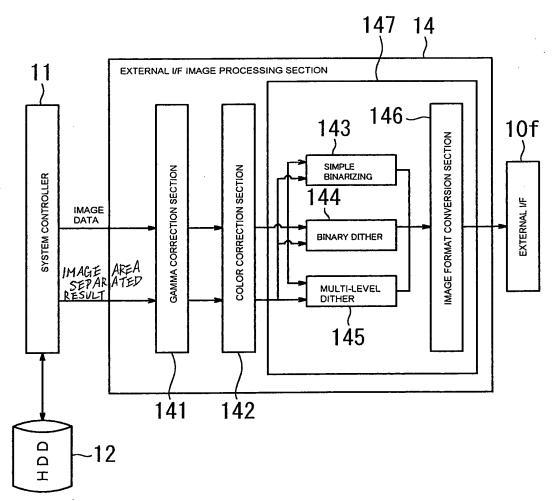


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<sup>3</sup>/<sub>13</sub> F1G. 4

EDGE SEPARATION	1	0
HALFTONE DETECTION	.0	Don't care
PROPERTIES/GENERAL (IMAGE TYPES) DETERMINATION	· CHARACTER · AREA	PATTERN AREA

FIG. 5



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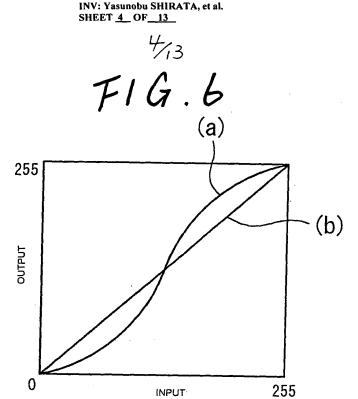
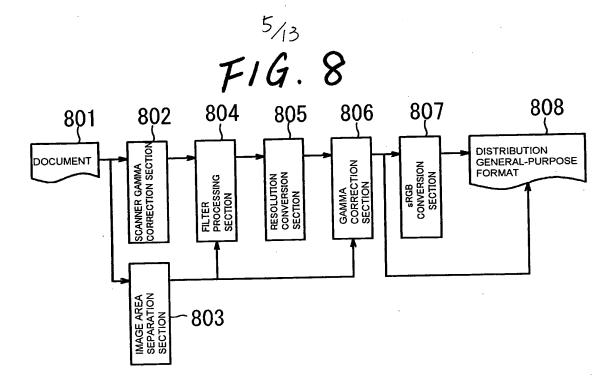


FIG. 7

EDGE SEPARATION	1	1	Don't care	0
HALFTONE DETECTION	0	0	1	0
COLOR DETERMINATION	0	1	Don't care Don't ca	
PROPERTIES/IM- AGE TYPES	BLACK CHARACTERS	COLORED CHARACTERS	HALFTONE PATTERN OT THAN HALFT	

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MAGE INPUT DEVICE 901

COLOR SEMARATION CIRCUIT

GENERAL DETERMINATION CIRCUIT

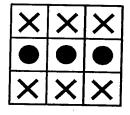
GENERAL DETERMINATION CIRCUIT

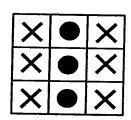
TO FILTER CIRCUIT

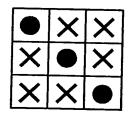
OBLON, SPIVAK, ET AL DOCKET #: 242914US2 INV: Yasunobu SHIRATA, et al. SHEET 6 OF 13

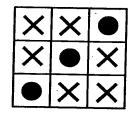
6/13 FIG. 10 904 1001 1002 1004 1000 **BLACK CONTINUOUS** TERNARY OPERATION SECTION PIXEL DETECTION NEIGHBOR DETECTION SECTION SECTION **IMAGE** DATA EDGE/NON-EDGE WHITE CONTINUOUS PIXEL DETECTION SECTION 1003 TH1 TH<sub>2</sub>

## FIG. 11 A

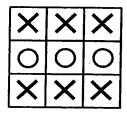


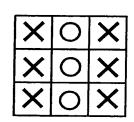


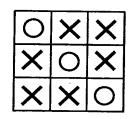


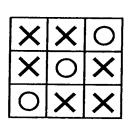


F1G. 11B









: BLACK PIXEL

: WHITE PIXEL

X : Don't care

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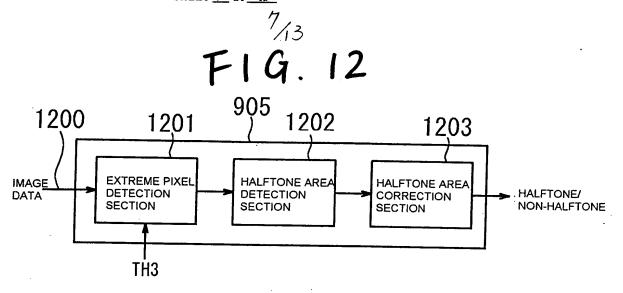
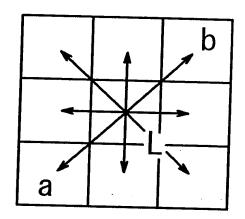
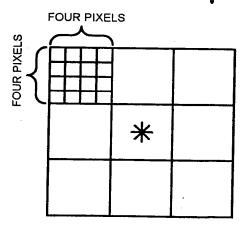


FIG. 13



F19.14



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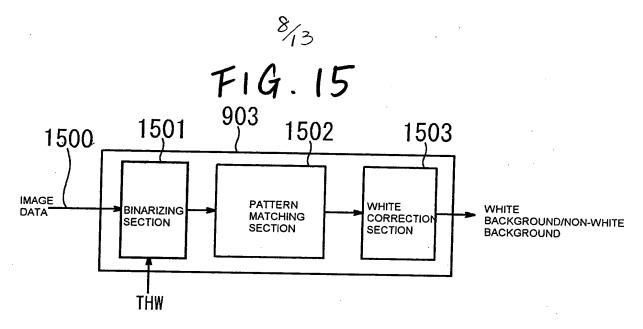
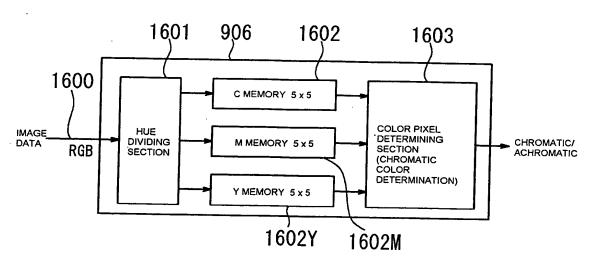


FIG. 16



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%3

## F1G. 17

EDGE SEPARATION	1	1	0	
HALFTONE SEPARATION	0	0	0	
WHITE BACKGROUND SEPARATION	1	1	1	OTHER THAN THE LEFT ITEMS
COLOR SEPARATION	0	1	_	
PROPERTIES/GENERAL (IMAGE TYPES) DETERMINATION	BLACK CHARACTERS	COLORED CHARACTERS	WHITE BACKGROUND	PATTERN

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F1G.18A

0	0	-1	0	0
0	0	0	0	0
-1	0	4	0	-1
0	0	0	0	0
0	0	-1	0	0

FIG. 18B

0	1	3	5	3	1	0
2	3	6	6	6	3	2
4	7	8	8	8	7	4
2	3	6	6	6	3	2
0	1	3	5	3	1	0

F1G.18C

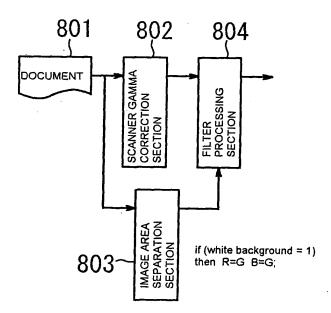
0	0	1	2	1	0	0
0	1	2	6	2	1	0
0	2	6	16	6	2	0
0	1	2	6	2	1	0
0	0	1	2	1	0	0

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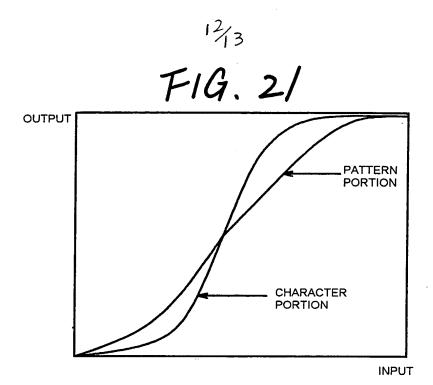
少3 FIG.19

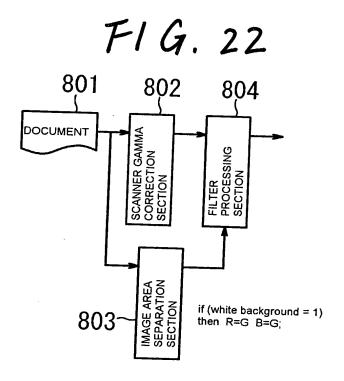
A 1	A 2
A 3	A 4

FIG. 20



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